



Climate Change Research Program

December 8, 2017

ICARP Technical Advisory Council Meeting



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COUNCIL



Strategic Growth Council

- Brings together State agencies and departments to coordinate activities that support sustainable communities
- Emphasizes strong economies, social equity and environmental stewardship
- Awarded over \$465 million, to date



Climate Change Research Program

- Competitive Grant Program
- \$11 million – California Climate Investments
- Supports “research on reducing carbon emissions, including clean energy, adaptation, and resiliency, with an emphasis on California”



Program Requirements

Eligible research must:

- Facilitate the reduction of greenhouse gas emissions in California
- Benefit low-income or disadvantaged communities

Researchers must be affiliated with:

- University of California
- California State University
- Federally-funded national laboratories
- Private, non-profit colleges and universities



Program Timeline

November 17th	Public/Stakeholder Engagement begins
December 5th	Staff Report: Update to the Strategic Growth Council
December 8th	Staff Report: Update to the Integrated Climate Adaptation and Resiliency Program's Technical Advisory Council
December 15th	Public Comment Period closes
January 19th	Final Draft Research Investment Plan and Grant Solicitation Guidelines Posted
January 29th	Council votes to adopt the Research Investment Plan and Grant Guidelines
January 30th	Notice of Funding Availability (NOFA) released - proposal submission for award consideration
February 5th	Application Workshops begin
February 28th	Proposal Submissions due
March (TBD)	Proposal Review / Scoring – Develop the award recommendations list
March (TBD)	Posting of staff recommendations for funding research projects/partnerships
March (TBD)	Council votes on project awards
June 30th, 2019	Deadline for grantees to expend awarded funds





Program Goals



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Program Goals

- Seven program goals
- Goals reflect legislative direction, input from Council members, and SGC's vision and mission
- Goals will inform scoring criteria and should be reflected in project narrative of applicants



Program Goals (1 – 4)

1. Invest in research that has a clear and demonstrated connection to the State's climate change goals
2. Advance research to support low-income and disadvantaged communities and achieve equitable outcomes
3. Augment, build connection across, and fill gaps in current research programs
4. Outcome-based research linked to practical climate action



Program Goals (5 – 7)

5. Meaningful engagement at all stages of the research process (stakeholders, community-based organizations, etc)
6. Advance a common foundation for research studies (e.g., climate models, projections, emission scenarios)
7. Leverage and complement existing research funding and policy innovations





Proposed Program Structure



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Proposed Program Structure

Research Project Grants

- Individual researchers or research groups
- Specific research topic
- One-year project
- \$100,000 - \$300,000 per grant

Research Partnership Grants

- Research consortia, centers, collaboratives, etc
- Linked with additional funds
- Collaborative model
- \$2 to \$4 million per grant



A blue-toned illustration of an urban skyline with various buildings, trees, and people on bicycles.

Priority Research Areas and Research Topics

A blue-toned illustration of a rural landscape with houses, trees, a tractor, and silos.A circular logo featuring a white silhouette of the state of California. Inside the silhouette, there are small icons representing different aspects of the state: a city skyline, a mountain range, a river, and a person on a bicycle.

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Priority Research Areas

- Broad areas of inquiry designed to advance SGC's mission and the State's climate change goals
- Areas can be addressed through two means:
 - Research Project Grant: One year project to address a single research topic within a Priority Research Area
 - Research Partnership Grant: Collaborative approach to address a Research Priority Area (or Areas) through a suite of research projects



#1: Supporting and Protecting Vulnerable Communities from the Impacts of Climate Change

- Defining vulnerability in the context of a changing climate
- Defining community resilience
- Developing tools to identify and evaluate climate change “hot spots”
- Resources and support needed to support climate actions in disadvantaged or low-income communities



#2: Integrating Land Use, Conservation, and Management into California's Climate Change Programs

- Identifying and prioritizing high-value public and private lands, across multiple criteria, for conservation
- Integrating climate change risk into development planning
- Maximizing investments to support resilient carbon storage
- Achieving mitigation and adaptation goals through investments in natural and working lands



#3: Increasing Data Accessibility and Planning Support for State, Local, and Regional Climate Change Planning

- Building on the State's existing data and tools to support climate change planning
- Understanding and visualizing climate change risks
- Visualizing multiple climate risks
- Informing hazard mitigation



#4: Accelerating and Supporting Transitions to Climate Smart Communities

- Environmental, economic, and social implications of innovative mobility options (e.g., pricing strategies, parking requirements)
- Drivers and barriers of active transportation
- Urban heat island mitigation
- Understanding location and highest and best use of waste feedstocks in the state





Public Comment Period



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Public Comment Period

- SGC is currently accepting written public comments
- **Due by 5:00 p.m. on Friday, December 15th**



Submit written comments

Research@sgc.ca.gov

SGC [D-RIP]

1400 Tenth Street
Sacramento, CA 95814

*Visit the SGC Website for the latest information about this and
other programs*

<http://sgc.ca.gov/>



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Discussion



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